

Patent Claims

1. A contactor arrangement having two contactors (1) and a blocking element (6),
 - 5 - with the contactors (1) having guides (8) for contact supports,
 - with the blocking element (6) being deflected from an intermediate position to a blocking position by the guide (8) of the operated contactor (1) when one of the contactors (1) is operated, which blocking position prevents operation of the unoperated contactor (1),
 - with the guide (8) of the unoperated contactor (1) acting in an operating region (10) on the blocking element (6) if an attempt is made to operate the unoperated contactor (1), and
 - with the guides (8) acting directly on the blocking element (6),

characterized

20 in that essentially only compression forces occur in the blocking element (6) as a result of the attempt to operate it.

2. The contactor arrangement as claimed in claim 1,
25 characterized
in that, when an attempt is made to operate it, the blocking element (6) is pressed underneath the operating region (10) against at least one stop (12, 13), such that the blocking element (6) is supported on
30 the at least one stop (12, 13) during the operating attempt.

3. The contactor arrangement as claimed in claim 1 or
2,
35 characterized
in that, when an attempt is made to operate it, essentially only compression forces also occur in the guide (8) of the unoperated contactor (1).

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4. The contactor arrangement as claimed in claim 1, 2
or 3,
characterized

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in that the side surfaces (2) of the contactors (1) face one another, in that the blocking element (6) is arranged in a blocking element holder (3), and in that the blocking element holder (3) is arranged between the
5 contactors (1).

5. The contactor arrangement as claimed in claim 4,
characterized

10 in that the blocking element (6) can pivot in a
pivoting plane (7) which runs at right angles to the
side surfaces (2).

6. The contactor arrangement as claimed in claim 4 or
5,

15 characterized
in that the guides (8) act on the blocking element (6)
in an operating direction (x), and in that the
operating direction (x) runs parallel to the side
surfaces (2).

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7. The contactor arrangement as claimed in claim 4, 5
or 6,

characterized

25 in that the blocking element holder (3) is arranged at
least partially recessed in the contactors (1).

8. The contactor arrangement as claimed in claim 7,
characterized

30 in that the side surfaces (2) are adjacent to one
another.

9. The contactor arrangement as claimed in one of
claims 4 to 8,

characterized

35 in that the contactors (1) each have one front face (4)
and one rear face (5), which is opposite the front face
(4), and in that the rear faces (5) and the blocking
element holder (3) end flush with one another.

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10. The contactor arrangement as claimed in one of the
above claims,
characterized
in that the blocking element (6) is in the form of a
5 rotating cardioid (6).

11. The contactor arrangement as claimed in one of the
above claims,
characterized
in that at least three load contacts can respectively
5 be operated via the contact supports.

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